

Kansas Department of Health and Environment

Bureau of Environmental Remediation, Remedial Section

State Water Plan Contamination Remediation Program



Alternative Water Supplies Provided by the State Water Plan

Bird-Feldt Farm-Hays, Kansas

Ground water contaminated by carbon tetrachloride was initially discovered in October 1990 at the Bird-Feldt property during installation and sampling of a City of Hays test well. A KDHE Preliminary Assessment (PA) and Screening Site Inspection (SSI) were conducted at the site in 1994. The SSI identified a private well impacted with carbon tetrachloride. The site was referred to the State Water Plan (SWP) for further investigation in late 1994.

KDHE's SWP program provided a carbon filtration system to ensure the residents had a safe drinking water supply.

Schmidt Private Well-Oakley, Kansas

In January 1999, ground water samples were collected as part of the USDA/CCC grain bin site inventory program. Ethylene dibromide (EDB), a chemical used for grain fumigation, was detected in ground water at the site. KDHE conducted a Comprehensive Investigation at the site in April 2000. During the investigation, EDB and other low level volatile organic compounds were confirmed in an impacted private drinking water well.

KDHE's State Water Plan program provided a safe drinking water supply to the impacted residences through connection to the city water supply.

Dighton PWS #1-Dighton, Kansas

The Dighton PWS #11 site was referred to the SWP after EDB was detected in the public water supply well during sampling of area wells as part of a screening program of former US Department of Agriculture/Commodity Credit Corporation grain facilities.

KDHE initiated a Comprehensive Investigation of the site in September 1998. During this investigation, a domestic well with EDB contamination above the Maximum Contaminant Level (MCL) was identified. KDHE's SWP program connected this residence to the city water supply to ensure a permanent safe drinking water source.

Prospect Park-Wichita, Kansas

Prospect Park Site is a residential subdivision southwest of Wichita where private wells have been impacted by TCE. Most residences have been connected to the Wichita public water supply but some remain on private wells. Investigation has been unable to identify a source for the contamination.

During long term monitoring activities conducted at the site, one of the residential wells not connected to the city water supply was found to be contaminated with TCE above the MCL. KDHE's SWP subsequently connected the impacted resident to a safe drinking water supply in 1999.

